

Title (en)
HEART TREATMENT DEVICE

Title (de)
HERZBEHANDLUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE TRAITEMENT CARDIAQUE

Publication
EP 2949274 A4 20161102 (EN)

Application
EP 13872492 A 20130913

Priority
• JP 2013010115 A 20130123
• JP 2013074816 W 20130913

Abstract (en)
[origin: EP2949274A1] During heart treatment performed via a port, the heart is moved without impeding the circulatory dynamics in the cardiac sac. Provided is a cardiac treatment apparatus (1) including: an annular portion equipped with a wire that can be deformed between a contracted shape that allows insertion into the cardiac sac via a tubular port (9) disposed passing from a body surface to the pericardium (B) and an annular expanded shape in which the annular portion is expanded in the cardiac sac, is fitted onto the outer circumference of the heart (A) from a ventricular apex (Al) side, and is located at a position for surrounding the outer circumference of the heart (A); and a pulling portion that exerts a pulling force on the annular portion such that the annular portion presses a sidewall of the heart (A), with the annular portion having been located at the position for surrounding the heart (A).

IPC 8 full level
A61B 17/02 (2006.01)

CPC (source: CN EP US)
A61B 17/00234 (2013.01 - US); **A61B 17/02** (2013.01 - CN EP US); **A61B 17/0218** (2013.01 - EP US); **A61B 17/0293** (2013.01 - EP US); **A61B 2017/00287** (2013.01 - CN EP US); **A61B 2017/0212** (2013.01 - US); **A61B 2017/0225** (2013.01 - US); **A61B 2017/0237** (2013.01 - CN EP US); **A61B 2017/0243** (2013.01 - US); **A61B 2017/308** (2013.01 - EP US)

Citation (search report)
• [X] WO 03094754 A1 20031120 - TYCO HEALTHCARE [US], et al
• [X] EP 2353511 A1 20110810 - TYCO HEALTHCARE [US]
• [X] WO 9509666 A1 19950413 - ADVANCED SURGICAL INC [US]
• [X] WO 2010042807 A2 20100415 - EPITEK INC [US], et al
• [X] US 5702343 A 19971230 - ALFERNES CLIFTON A [US]
• [X] WO 2006110733 A2 20061019 - ETHICON ENDO SURGERY INC [US], et al
• [X] WO 2009034922 A1 20090319 - SAKURAZAWA NOBUYUKI [JP]
• [X] MAISON HABIAQUE: "Fouet plat à spirale inox Rösle", 3 August 2012 (2012-08-03), XP055304046, Retrieved from the Internet <URL:http://www.habiague.com/fouets-et-batteurs/485-fouet-plat-a-spirale-inox-rosle.html> [retrieved on 20160920]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2949274 A1 20151202; EP 2949274 A4 20161102; CN 104918560 A 20150916; CN 104918560 B 20170630; JP 2014140456 A 20140807; JP 6150533 B2 20170621; US 2015320410 A1 20151112; WO 2014115370 A1 20140731

DOCDB simple family (application)
EP 13872492 A 20130913; CN 201380070753 A 20130913; JP 2013010115 A 20130123; JP 2013074816 W 20130913; US 201514805971 A 20150722